

ABSTRACT

5 The invention relates to a device and method for providing data exchange and storage. The device comprises a controller module (62) which includes a firmware for controlling operation of each modules in the data exchange and storage device (60) and performing data processing and information exchange; and an internal memory module (61) for storing data under the control of the controller module (62); a system interface (63) module for connecting with the system interface and performing data exchange with the data processing system (10) under control of the controller module (62); and an external storage interface module (64) for connecting with external storage equipment and performing data exchange with the external storage equipment under control of the controller module (62). The device can accomplish connection with the data processing system of various types of interfaces and external storage equipment of various types of interfaces. The device can also implement functions that the data processing system access to the interior storage module and the external storage equipment. Thus, the device of this invention is called user's personal moveable storage center.

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